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## NOTICE OF ALLOWANCE AND FEE(S) DUE

25281

7590

11/13/2009

DICKE, BILLIG & CZAJA FIFTH STREET TOWERS 100 SOUTH FIFTH STREET, SUITE 2250 MINNEAPOLIS, MN 55402 EXAMINER
THOMAS, BRADLEY H
ART UNIT PAPER NUMBER

2835 DATE MAILED: 11/13/2009

ſ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
•	10/598,285	06/21/2007	Gerold Gruendler I	431.174.101/F1N565PCT/US	2329

TITLE OF INVENTION; COOLING SYSTEM FOR DEVICES HAVING POWER SEMICONDUCTORS AND METHOD FOR COOLING THE DEVICE

ĺ	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
•	nonprovisional	NO	\$1510	\$300	\$0	\$1810	02/16/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

## Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

appropriate. All further indicated unless correct maintenance fee notifica CURRENT CORRESPOND	a) specifying a new corre  Not	fication of maintenance fees will be mailed to the current correspondence addres a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing,						
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MINNEAPOLIS	S, MN 55402			(Depositor's name				
							(Signature)	
							(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	<u> </u>	ATTC	RNEY DOCKET NO.	CONFIRMATION NO.	
10/598,285	06/21/2007	•	Gerold Gruendler		1431.17	4.101/F1N565PCT/US	2329	
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nonprovisional	NO	\$1510	\$300	\$0		\$1810	02/16/2010	
EXAM	MINER	ART UNIT	CLASS-SUBCLASS					
THOMAS, F	BRADLEY H	2835	361-697000					
"Fee Address" ind PTO/SB/47; Rev 03- Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Un	ND RESIDENCE DATA	or agents OR, alternati  (2) the name of a sing registered attorney or 2 registered patent attolisted, no name will be THE PATENT (print or ty data will appear on the p	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.  HE PATENT (print or type)  lata will appear on the patent. If an assignee is identified below, the document has been filed for					
(A) NAME OF ASS1	GNEE	oletion of this form is NO	T a substituie for filing an (B) RESIDENCE: (CITY rinted on the patent) :	Y and STATE OR		,	oup entity 🗖 Government	
	are submitted:  No small entity discount p # of Copies	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  A check is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).						
5. Change in Entity Sta	*	*	☐ b. Applicant is no lon		מאים דו	PHTN -1-1 C 27 CI	ED 1 27(-)(2)	
NOTE: The Issue Fee an	ns SMALL ENTITY state and Publication Fee (if req	uired) will not be accepte	d from anyone other than				e assignee or other party in	
interest as shown by the	records of the United Sta	tes Patent and Trademark	COffice.					
Authorized Signature	·			Date				
Typed or printed name								
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10/598,285	10/598,285 06/21/2007 Gerold Gruendler		1431.174.101/FIN565PCT/US 2329			
25281 75	590 11/13/2009		EXAMINER			
DICKE, BILLIG	& CZAJA	THOMAS, B	RADLEY H			
FIFTH STREET T		ART UNIT	PAPER NUMBER			
100 SOUTH FIFT MINNEAPOLIS, I	H STREET, SUITE 22 MN 55402	2835 DATE MAILED: 11/13/2009				

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Application No.	Applicant(s)					
10/598,285	GRUENDLER ET AL.					
Examiner	Art Unit					
BRADLEY H. THOMAS	2835					
(OR REMAINS) CLOSED in this apply or other appropriate communication IGHTS. This application is subject to 3 and MPEP 1308.	olication. If not include will be mailed in due	ed course. <b>THIS</b>				
<u>8/4/09</u> .						
numbered as 1-25 <u>)</u> .						
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)						
6. ☐ Interview Summary Paper No./Mail Dat 7. ☐ Examiner's Amendn	(PTO-413), e nent/Comment	wance				
	BRADLEY H. THOMAS  BRADLEY H. TH	Examiner  BRADLEY H. THOMAS  BRADLEY H. TUNIT  BRADLEY H. THOMAS  BRADLEY H. TUNIT  BRADLEY H. THOMAS  BRADLEY H. TUNIT  BRADLEY H. TO HICK  BRADLEY H. TO H. TO HICK  BRADLEY H. TO H. TO H.  BRADLEY H. TO H. TO H.  BRADLEY H. TO H.  BRADLEY				